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Dr. Makela is requesting an extension of her fellowship for an additional five months beyond the stated term of one year for the original fellowship. I would this application my warmest endorsement. As you know, Dr. Makela's opportunity for study in the United States is connected with the fellowship awarded to her husband as a foreign fellow of the National Institutes of Health of the US Public Health Service. I believe she should make the best of her opportunity in the US; her IIE fellowship would make it financially possible for her to continue her studies full time ~~rather than~~ by using the funds for child care at home.

Dr. Makela is studying and continuing her research in my department in the field of the genetics of bacteria. Her previous training was in bacteriology and immunology, and was technically quite competent in those fields. However, bacterial genetics is a ~~new~~ relatively new, but quite important, aspect of biology and medical research, and as far as I know is not now represented at all in Finland, only to a limited extent elsewhere in Scandinavia, though it has had important development in Britain, France, Italy, Japan and the US. She therefore has the responsibility and opportunity of bringing back to Finland a rather unique type of training, which may be of some importance in the further training of Finnish students and researchers.

Her own performance in the laboratory has been exemplary, especially in view of the very sparse level of her previous training in genetics. She has quickly grasped the essentials of her problem, and is doing creative work in it already. However, she still has much to learn and will profit considerably, in the sophistication of her thinking and her work, by the prolongation of her stay. She could not have substantiated such a recommendation without a very high order of native ability, of industrious application, and of insight into her problems, and recognition of subtleties in experimental work, which ~~are~~ warrant unusual distinction in the disposition of her application.

Joshua Lederberg
Professor of Genetics